

System Design  
EECS 3311  
Software Design

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| User                 |      |
|----------------------|------|
| Id                   | Role |
| Username             | Post |
| Password             |      |
| Email                |      |
| Phone                |      |
| Pick Role            |      |
| Adds profile Picture |      |

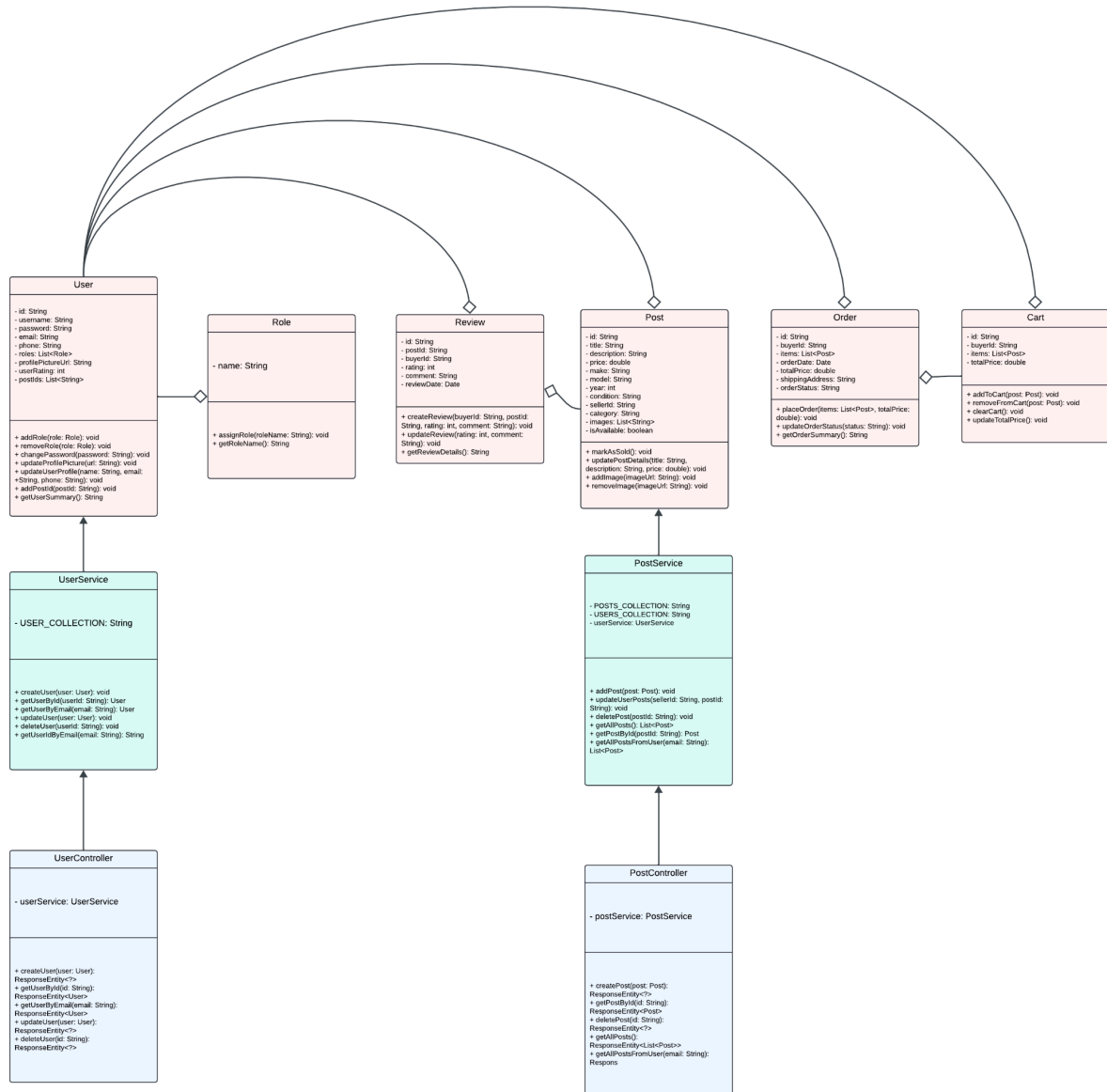
| Role          |      |
|---------------|------|
| Name          | User |
| Assign role   |      |
| Get role name |      |

| Review                  |      |
|-------------------------|------|
| Rating                  | User |
| Comment                 | Post |
| Review date             |      |
| Create a review         |      |
| Update a review         |      |
| Retrieve review details |      |

| Post         |        |
|--------------|--------|
| Id           | User   |
| Title        | Review |
| Description  |        |
| Price        |        |
| Model        |        |
| Year         |        |
| Condition    |        |
| Category     |        |
| Condition    |        |
| Image        |        |
| Availability |        |

| Order  |              |
|--|--------------|
| Items<br>Order Date<br>Total Price<br>Shipping Address<br>Order Status<br>Place order<br>Get order summary | User<br>Post |

| Cart  |              |
|---|--------------|
| Items<br>Total Price<br>Add to Cart<br>Remove from cart<br>Clear cart | User<br>Post |



Pink- Model  
Green-View  
Blue Controller

Link:

[https://lucid.app/lucidchart/475cf789-1ee7-4198-9b97-9baaa260f099/edit?viewport\\_loc=-1668%2C392%2C4263%2C2611%2C0\\_0&invitationId=inv\\_4db11fae-2842-451e-a3ec-e696af1f52bd](https://lucid.app/lucidchart/475cf789-1ee7-4198-9b97-9baaa260f099/edit?viewport_loc=-1668%2C392%2C4263%2C2611%2C0_0&invitationId=inv_4db11fae-2842-451e-a3ec-e696af1f52bd)